International programs in Science

XLVI International Symposium on Operational Research
Kladovo, September 15-18, 2019.

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Ministry of Education, Science and Technological Development
Republic of Serbia
I Research and Innovation Policy - Legal and Institutional framework

II International programs in Science
   Multilateral cooperation
   Bilateral cooperation

III Horizon 2020

IV Serbia in H2020
Legal and Institutional framework

Law on Science and Research, July 2019
Law on Innovation Activity
Law on the Science Fund of the Republic of Serbia, December 2018
   Action Plan for Strategy Implementation

Government of the RS:
Ministry of Education, Science and Technological Development (MESTD) - responsible for policy design and allocation of funding to scientific research and innovation activities
   Science Fund of the RS
   Innovation Fund of the RS
Framework programs (FP)

Horizon2020 – Associated country
Agreement signed signed on July 1st, 2014
- ratified on September 8th, 2014
- retroactive valid from January 1st, 2014
- Financial contribution to H2020 budget paid annually

FP7 - Associated country (326 participants, 64.9 M eur)

FP6 - Third country (135 participants, 14.9 M eur)
Multilateral cooperation/2

- European Cooperation in Science and Technology (COST)
- EUREKA

- NATO „Science for Peace and Security” Programme
- Joint Research Centre (JRC)
- The European Organization for Nuclear Research (CERN)
- Joint Institute for Nuclear Research (JINR) in Dubna
- ICGEB (International Centre for Genetic Engineering and Biotechnology)
COST
European cooperation in the field of scientific and technical research

Serbia - among the founders (as Yugoslavia) in 1971, full member as Serbia from 2001

• Membership in all Committees and related bodies
• National COST Coordinator, Prof. Dr. Bratislav Marinkovic
• Total COST participation: 291 actions in total (most of them in Food and Agriculture, ICT, and Biomedicine and Molecular Biosciences)
• Funding for: mobility of researchers, trainings/workshop/summer schools…
• National website: http://mail.ipb.ac.rs/~ncc-serbia/
• The next collection date is planned for 29 April 2020
Serbia - membership from 2002

- Total No. of projects: 85
- Total investment: 219,89 ME
- Ongoing projects: 22 with participation of 36 organizations
  - 15 SME’s, 10 Universities, 6 institutes, 3 large companies, 2 others
  - in 2019 MESTD funds 8 projects
- High Level Representative (HLR) - Prof. Dr Vladimir Popovic
- National Programme Coordinator (NPC) - Mrs. Snezana Omic

http://www.mpn.gov.rs/eureka/
Joint Research Centre (JRC)
   JRC MoU 31620-2010 signed on February 11th, 2010

The European Organization for Nuclear Research – CERN
   Republic of Serbia full member to CERN as of 24th March 2019

Joint Institute for Nuclear Research (JINR) in Dubna
   MoU between Ministry and JINR signed on April, 20th 2007

NATO – Science for Peace and Security
   Government of the Republic of Serbia adopted the Presentation Document 14th July 2011

ICGEB (International Centre for Genetic Engineering and Biotechnology)
   On February, 26th 1986 the Institute of Molecular Genetics and Genetic Engineering (IMGGE) was established as Affiliated Centre of International Centre for Genetic Engineering and Biotechnology (ICGEB)
Bilateral cooperation

Aim:
To strengthen and develop scientific and technological (S&T) cooperation
Ministry initiates signing of the agreement with the country of interest for scientific and technological cooperation

Instruments provided under agreements:
- Co-financing programmes and projects, in mutually agreed fields
- Support exchange of scientists, researchers and experts
- Exchange of scientific and technological information and documentation
- Facilitate mutual use of facilities, scientific equipment and materials
- Organization of joint scientific conferences, symposia, seminars, workshops, exhibitions
Agreements on scientific and technological cooperation concluded on the governmental level with more than 70 countries, and among them active cooperation are with:

- Slovenia (2002)
- France (2003)
- Hungary (2005)*
- Croatia (2005)
- Italy (2013)
- Austria (2015)*
- Portugal (2009)
- Germany (2008)*
- Slovak Republic (2001)
- China (2009)
- Belarus (1996)

* Danube region-multilateral cooperation

http://www.mpn.gov.rs/medjunarodna-naucna-saradnja/
III Horizon 2020

Associated Country to H2020 since January 1st 2014

signed on July 1st, 2014
ratified September 8th, 2014

H2020 estimated budget is 80 billion EUR

17.07.2019 - 393 participants in 274 projects, 91.4 million EUR (project ANTARES)
Excellent Science
Izvrsnost u nauci
European Research Council (ERC)
Future and Emerging Technologies (FET)
Marie Skłodowska-Curie Actions (MSCA)
Research Infrastructures
Istraživačke infrastrukture

Industrial Leadership
Liderstvo u industriji
Leadership in Enabling and Industrial Technologies (LEIT)
- ICT, KETs, Space
Access to Risk Finance
Innovation in SMEs

Societal Challenges
Društveni izazovi
Health and Wellbeing
Food security
Transport
Energy
Climate action
Societies
Security

Širenje izvrsnosti i učešća – Spreading excellence and Widening Participation;
Nauka u i za društvo - Science with and for Society
Rules for participation

Who can participate?

- Basically everybody (always check Work Programme)
- In Europe and the rest of the world, legal entities and natural persons
- Needs registration on the participant portal - PIC Participant Identification Code (existing PICs remain)

Who can participate in cooperative project, minimum condition?

- At least three independent participants from three different countries
- Member States (MS) or Associated countries (AC)
- SME is evaluation criteria
- Specific condition, see Work Programme
Types of actions

New financial rule, one project one rate
Same reimbursement rate for all beneficiaries and all activities in one grant

Research and Innovation action (RIA)
   Up to 100% reimbursement of eligible costs
Innovation action (IA)
   Up to 70% reimbursement of eligible costs  
   Except for non-profit entities which will receive up to 100%

One single flat rate for Indirect cost – 25%  
Specific rules for SME, ERC, MSCA
Participant portal

https://ec.europa.eu/info/fundingtenders/opportunities/portal/screen/programmes/h2020
IV Republic of Serbia in H2020

RS applicants' success rates and numbers of successful applications

Note: Data for evaluated eligible proposals. Total RS success rate is 12.2%, compared to 15.4% overall H2020. Source: DG RTD - International Cooperation
Data: CORDA (JRC, EIT and art.185 not included); extraction date: 17/7/2019
RS: EU contribution to participants of Horizon 2020

Note: Data for signed projects.
Source: DG Research and Innovation - International Cooperation
Data: CORDA (JRC, EIT & art.185 not included.), extraction date: 17/7/2019
Help and support

List of NCPs for H2020

Horizon 2020
https://ec.europa.eu/programmes/horizon2020/

Reference documents

IT Helpdesk for questions about the Participant Portal tools and processes
https://ec.europa.eu/info/research-and-innovation/contact/research-enquiry-service-and-participant-validation_en

Be expert
Looking forward to your questions

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